

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: Unknown )  
Filing Date: Unknown )  
Priority Date: 30 August 2000 )  
Applicants: FORREST, Simon )  
For: IMPROVEMENTS TO A TELEVISION SYSTEM )

**PRELIMINARY AMENDMENT**

Director For Patents  
Box: New Application  
Washington, D.C. 20231

Dear Sir:

This is a preliminary amendment to the enclosed application entitled "Improvements to a Television System" claiming priority to British Patent Application No. 0021129.2 filed 30 August 2000.

**In the Specification:**

Please amend the specification as follows:

Page 1, after the title, insert the following headers and paragraph:

**--CROSS-REFERENCE TO RELATED APPLICATION**

This application claims priority to British Patent Application No. 0021129.2 filed 30 August 2000.

**BACKGROUND OF THE INVENTION-**

Page 1, line 7, change "programmes" to --programs--; line 10, change "optimise" to --optimize--.

Page 2, before line 7, insert the Header:

**--SUMMARY OF THE INVENTION--**

Page 2, line 13, change "programmes" to --programs--; line 15, change "characterised" to --characterized--; line 27, change "refere" to --refer--.

Page 3, lines 6, 9 and 12, change "programmes" to --programs--.

Page 4, lines 3 and 18, change "programmes" to --programs--; lines 4 and 18, change "characterised" to --characterized--.

Page 4, before line 28, insert the Header:

**--BRIEF DESCRIPTION OF THE DRAWINGS--**

Page 5, before line 6, add the Header:

**--DESCRIPTION OF THE PREFERRED EMBODIMENTS--.**

Page 5, lines 12, 13, 26 and 29, change "programmes" to --programs--.

Page 6, line 11, change "programmes" to --programs--.

Page 7, line 21, change "programme" to --program--;

Page 7, after the last line, insert the following paragraph:

--While the invention has been described with a certain degree of particularity, it is manifest that many changes may be made in the details of construction and the arrangement of components without departing from the spirit and scope of this disclosure. It is understood that the invention is not limited to the embodiments set forth herein for purposes of exemplification, but is to be limited only by the scope of the attached claim or claims, including the full range of equivalency to which each element thereof is entitled.--

IN THE CLAIMS:

1. (Amended) A television system, said television system [including] comprising: a broadcast data receiver [(BDR) (4)] connected to or integrally formed with a display screen [(6)], said [BDR (4)] broadcast data receiver receiving digital data from a broadcaster at a remote location and decoding and processing said data to provide video, audio and/or auxiliary data relating to a number of channels and/or [programmes] programs, said [BDR (4)] broadcast data receiver having storage means for the selective processing and storage of said received data and [characterised in that,] wherein transmission of data for one or more channels on which new and changing data is broadcast for a limited period of time in any given time period, is identified by the broadcast data receiver [(4)] and, in those time periods outside the given time period, an audio and/or video display is generated on the display screen [(6)] and/or via speakers for said one or more channels from data held in said storage means.

2. (Amended) A television system according to claim 1 [characterised in that] wherein outside the given time periods a repeat signal is transmitted from the broadcaster at spaced intervals and [the BDR (4)] said broadcast data receiver generates a display from data held in said storage means between said spaced intervals.

3. (Amended) A television system according to claim 1 [characterised in that the] wherein said storage means is a hard disk drive [(10)] connected to [or integrally formed with] [the BDR (4)] said broadcast data receiver.

4. (Amended) A television system according to claim 1 [characterised in that] wherein the generated display is a fixed or static screen display.

5. (Amended) A television system according to claim 4 [characterised in that] wherein the data for generating said fixed or static screen display is broadcast to [the] said broadcast data receiver on a single occasion in the given time period or outside the given time period for storage in said storage means.

6. (Amended) A television system according to claim 1 [characterised in that] wherein the generated display is a repeated video display.

7. (Amended) A television system according to claim 6 [characterised in that the] wherein said repeated video display is transmitted and stored in [the BDR (4)] said broadcast data receiver storage means at pre-determined time intervals.

8. (Amended) A television system according to claim 6 [characterised in that the] wherein said repeated video display is transmitted to [the BDR (4)] said broadcast data receiver on a single occasion in the given time period or outside the given time period for storage in said storage means.

9. (Amended) A television system according to claim 1 [characterised in that the BDR] wherein said broadcast data receiver is able to monitor the user's viewing habits and[/or programme] program preferences and, based on a pre-defined set of criteria, selects which

channels to accept live data therefrom and which channels to generate a display from data stored in said storage means.

10. (Amended) A broadcast data receiver [(BDR)], said [BDR (4)] broadcast data receiver connected to or integrally formed with a display screen [(6)], said [BDR (4)] broadcast data receiver receiving digital data from a broadcaster at a remote location and decoding and processing said data to provide video, audio and/or auxiliary data relating to a number of channels and/or programmes] programs, said [BDR (4)] broadcast data receiver having storage means for the selective processing and storage of said received data and [characterised in that,] wherein transmission of data for one or more channels on which new and changing data is broadcast for a limited period of time in any given time period[,] is identified by the broadcast data receiver and, in those time periods outside the given time period, a video and/or audio display is generated on [the] a display screen [(6)] and[/or ]via speakers for said one or more channels from data held in said storage means.

11. (Amended) A broadcast data receiver according to claim 10 [characterised in that] wherein the generated display is a fixed or static screen display.

12. (Amended) A broadcast data receiver according to claim 10 [characterised in that] wherein the generated display is a repeated video display

13. (Amended) A method of generating a display for a television system[, said television system] including a broadcast data receiver [(BDR) (4)] connected to or integrally formed with

a display screen [(6)], said method includes the step of: said [BDR (4)] broadcast data receiver receiving digital data from a broadcaster at a remote location and decoding and processing said data to provide video, audio and/or auxiliary data relating to a number of channels and/or [programmes] programs, and [characterised in that said method includes the steps of] said [BDR (4)] broadcast data receiver identifying data relating to one or more channels on which new and changing data is broadcast for a limited period of time only in any given time period, said [BDR (4)] broadcast data receiver identifying time periods outside said given time period, and in those outside time periods, said [BDR (4)] broadcast data receiver retrieving data stored in storage means connected to or forming part of said [BDR] broadcast data receiver and generating a video and/or audio display on said display screen and/or via speakers for said one or more channels.

14. (Amended) A method according to claim 13 [characterised in that the BDR (4)] wherein said broadcast data receiver generates a fixed or static screen display from data stored in said storage means.

15. (Amended) A method according to claim 13 [characterised in that the BDR (4)] wherein said broadcast data receiver generates a repeated video display from data stored in said storage means.

16. (Amended) A method according to claim 13 [characterised in that the BDR (4)] wherein said broadcast data receiver monitors the user's viewing habits and/or [programme] program preferences and, based on a pre-defined set of criteria, selects which channels to accept live data

therefrom and which channels to generate a display from data stored in said storage means.

17. (New) A television system according to claim 1 wherein said storage means is a hard disk drive integrally formed with said broadcast data receiver.

**REMARKS**

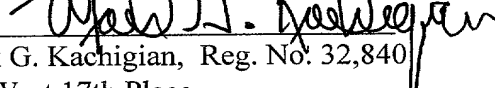
Attached are the marked up versions of the claims and new paragraphs as required in Section 1.121(4) (ii).

The application should now be in condition for examination, which is respectfully requested.

Respectfully Submitted

HEAD, JOHNSON & KACHIGIAN

Dated: 29 Aug. 2001

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### Clean Version of the Claims

1. (Amended) A television system, said television system comprising: a broadcast data receiver connected to or integrally formed with a display screen, said broadcast data receiver receiving digital data from a broadcaster at a remote location and decoding and processing said data to provide video, audio and/or auxiliary data relating to a number of channels and/or programs, said broadcast data receiver having storage means for the selective processing and storage of said received data and wherein transmission of data for one or more channels on which new and changing data is broadcast for a limited period of time in any given time period, is identified by the broadcast data receiver and, in those time periods outside the given time period, an audio and/or video display is generated on the display screen and/or via speakers for said one or more channels from data held in said storage means.

2. (Amended) A television system according to claim 1 wherein outside the given time periods a repeat signal is transmitted from the broadcaster at spaced intervals and said broadcast data receiver generates a display from data held in said storage means between said spaced intervals.

3. (Amended) A television system according to claim 1 wherein said storage means is a hard disk drive connected to with said broadcast data receiver.

4. (Amended) A television system according to claim 1 wherein the generated display is a fixed or static screen display.

5. (Amended) A television system according to claim 4 wherein the data for generating said fixed or static screen display is broadcast to said broadcast data



generating said fixed or static screen display is broadcast to said broadcast data receiver on a single occasion in the given time period or outside the given time period for storage in said storage means.

6. (Amended) A television system according to claim 1 wherein the generated display is a repeated video display.

7. (Amended) A television system according to claim 6 wherein said repeated video display is transmitted and stored in said broadcast data receiver storage means at pre-determined time intervals.

8. (Amended) A television system according to claim 6 wherein said repeated video display is transmitted to said broadcast data receiver on a single occasion in the given time period or outside the given time period for storage in said storage means.

9. (Amended) A television system according to claim 1 wherein said broadcast data receiver is able to monitor the user's viewing habits and program preferences and, based on a pre-defined set of criteria, selects which channels to accept live data therefrom and which channels to generate a display from data stored in said storage means.

10. (Amended) A broadcast data receiver, said broadcast data receiver connected to or integrally formed with a display screen, said broadcast data receiver receiving digital data from a broadcaster at a remote location and decoding and processing said data to provide video, audio and/or auxiliary data relating to a number of channels and programs, said broadcast data receiver

and wherein transmission of data for one or more channels on which new and changing data is broadcast for a limited period of time in any given time period is identified by the broadcast data receiver and, in those time periods outside the given time period, a video and/or audio display is generated on a display screen and via speakers for said one or more channels from data held in said storage means.

11. (Amended) A broadcast data receiver according to claim 10 wherein the generated display is a fixed or static screen display.

12. (Amended) A broadcast data receiver according to claim 10 wherein the generated display is a repeated video display

13. (Amended) A method of generating a display for a television system including a broadcast data receiver connected to or integrally formed with a display screen, said method includes the steps of: said broadcast data receiver receiving digital data from a broadcaster at a remote location and decoding and processing said data to provide video, audio and/or auxiliary data relating to a number of channels and/or programs, and characterized in that said method includes the steps of said broadcast data receiver identifying data relating to one or more channels on which new and changing data is broadcast for a limited period of time only in any given time period, said broadcast data receiver identifying time periods outside said given time period, and in those outside time periods, said broadcast data receiver retrieving data stored in storage means connected to or forming part of said broadcast data receiver and generating a video and/or audio display on said display screen and/or via speakers for said one or more channels.

14. (Amended) A method according to claim 13 wherein said broadcast data receiver generates a fixed or static screen display from data stored in said storage means.

15. (Amended) A method according to claim 13 wherein said broadcast data receiver generates a repeated video display from data stored in said storage means.

16. (Amended) A method according to claim 13 wherein said broadcast data receiver monitors the user's viewing habits and/or program preferences and, based on a pre-defined set of criteria, selects which channels to accept live data therefrom and which channels to generate a display from data stored in said storage means.

17. (New) A television system according to claim 1 wherein said storage means is a hard disk drive integrally formed with said broadcast data receiver.